

Peaceful Nuclear Cooperation

U.S. Support for NPT Article IV

UNITED STATES & GUATEMALA

Through the International Atomic Energy Agency (IAEA), the United States contributes to the work of many countries using nuclear materials and technology for peaceful purposes. In recent years, U.S. support has focused on achieving tangible and lasting benefits in fields that are vital to human development, including agriculture, human health, water resource management, and human resource development. Since 2000, the IAEA has approved and funded \$3,045,542, including \$138,016 in 2013, under its Technical Cooperation (TC) program for projects in Guatemala.

In addition to the United States' longstanding support for the IAEA's activities to promote peaceful nuclear applications, at the 2010 NPT Review Conference, the United States announced a \$100 million USD effort to expand this support over the next five years. The U.S. has pledged \$50 million towards the IAEA's Peaceful Uses Initiative (PUI), focusing on human health, food security, water resource management, and nuclear power infrastructure development.



*International radiation measurement exercise.
Credit: Dean Calma/IAEA*

The U.S. views its support for peaceful uses of nuclear energy, to which all NPT Parties are entitled, as a critical part of its broader effort to strengthen the IAEA and the global nuclear nonproliferation regime. The U.S. has already designated over \$22 million for IAEA projects benefitting over 120 countries, including Guatemala, for which funding was previously unavailable. The United States is working with partners to reach the \$100 million goal, and welcomes Japan, the Republic of Korea, New Zealand, the Czech Republic, Hungary, Sweden, Australia, France, Indonesia, Brazil, Italy, the UK and Kazakhstan who have announced their own commitments to the PUI of over \$12 million.

NUCLEAR SAFETY

Guatemala is currently participating in a regional TC project supported by the U.S. to improve the operational national regulatory infrastructure for safety and control of radiation sources to ensure the protection of people and the environment against the adverse effects of ionizing radiation. The project will harmonize and streamline participating countries' national capabilities for regulatory control in compliance with international requirements and establish or develop a comprehensive national system for preparedness and response to radiological emergencies.

AGRICULTURE

Guatemala is participating in a project, coordinated by the IAEA's Department of Nuclear Sciences and Applications and supported by the U.S., to implement capacity building activities to improve food safety and quality

through nuclear technology and networking. The project involves workshops, human resource training, and technology transfers, and aims to establish functional networks, raise awareness of food safety and conduct food safety gap analysis in selected countries.

HUMAN RESOURCES

The development and safe application of nuclear technologies requires highly qualified technicians and professionals. Guatemala is therefore working through a national TC project supported by the U.S. to improve and strengthen the skills and capabilities of its human resources and receive technical support in the application of nuclear technologies in key priority fields. The project will ensure that the human development needs of key nuclear-related institutions of the country are met and will complement Guatemala's other national TC projects.

To contribute to Member States' manpower development, the IAEA awards individual fellowships and organizes group training courses. Since 2000, the United States has hosted training courses that included Guatemalan participants in the fields of nuclear security, insect pest control, and groundwater hydrology. Training was also provided through the IAEA Fellowship Program to three Guatemalans in the fields of energy metabolism and body composition studies. Additionally, since 2000, 16 U.S. experts have traveled to Guatemala to collaborate through various IAEA Technical Cooperation projects.

FOR ADDITIONAL INFORMATION, CONTACT:

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